

SVT motor controls

- It was decided that using XPS-Q8 controller will be more efficient than using the Hall B standard OMS control box with a VME card
 - Newer and higher quality equipment (but pricy).
 - Less dependent on Hall B technical support for new equipment development.
 - Experience using these controllers in Hall D using EPICS
 - Can migrate other motor applications to XPS which can handle up to 8 axes.
 - Beam-blocker, collimator, beam viewer.
 - Other motors will be controller by standard Hall B setup.
- Purchase one XPS-Q8 with 8 cards and have it shipped to SLAC
 - PR sent by Marco
- Use XPS for May tests without EPICS controls by using the web-server inside the XPS's chassis.
 - Can configure the stage, move back and forth, can control the speed.
- Cables will be made at Jlab for 3 stages, one set of cables will be send to SLAC
 - Armen started selecting and purchasing parts
 - Takashi will procure 10-pin adapters and marching connectors and have them sent to JLAB.
 - May take a couple of weeks to complete
- Send it back to Jlab once the test are over and successful.
 - Needed for SVT scan software development
 - Can use Hall D controller while they are not being used.